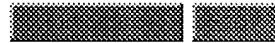




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- #19 ((data center? and cooling)<in>metadata)
- #20 ((data center? and cooling)<in>metadata)
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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

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Devarakonda, M.; Naik, V.K.; Rajamani, N.;
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IEEE CNF IEEE Conference Proceeding

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IEEE JNL. IEE Journal or Magazine

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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine


IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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3402844, D89001757; 890000.

TitleCoping with computer room **layout** changes.**Author(s)**[Arcuri-P-S-Jr.](#)**Source**

Computers-in-Banking (USA), vol.6, no.4, p.26, April 1989.

CODEN

CBANE6.

ISSN

ISSN: 0742-6496.

Publication year

1989.

Language

EN.

Publication type

J Journal Paper.

Treatment codes

P Practical.

Abstract

Data center managers can design computer rooms without moving a single piece of equipment by using a special software package. The software, called The Graphic **Data Center** Manager from the Graphic Management Group in Valhalla, N.Y., enables you to make any desired changes in the **layout** of your **data center** on a PC screen. Besides speeding computer room **layout** changes this capability expedites solutions to computer room maintenance problems. For example, if **cooling** or air-conditioning equipment requires adjustment, it is a simple matter to call up a drawing of the appropriate system on the PC screen and pinpoint the location of the unit that may need attention. (0 refs).

Descriptors[DP-management](#); [software-packages](#).**Keywords**software package; The Graphic **Data Center** Manager; computer room **layout** changes; maintenance.**Classification codes**

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1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Full text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 [Will Moore's Law Be Sufficient?](#)

Erik P. DeBenedictis

 November 2004 **Proceedings of the 2004 ACM/IEEE conference on Supercomputing**
Full text available: [pdf\(518.77 KB\)](#)Additional Information: [full citation](#), [abstract](#)

It seems well understood that supercomputer simulation is an enabler for scientific discoveries, weapons, and other activities of value to society. It also seems widely believed that Moore's Law will make progressively more powerful supercomputers over time and thus enable more of these contributions. This paper seeks to add detail to these arguments, revealing them to be generally correct but not a smooth and effortless progression. This paper will review some key problems that can be solved wi ...

3 [Transistor level micro-placement and routing for two-dimensional digital VLSI cell synthesis](#)


Michael A. Riepe, Karem A. Sakallah

 April 1999 **Proceedings of the 1999 international symposium on Physical design**
Full text available: [pdf\(1.29 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [Cosmology of the early universe viewed through the new infrastructure](#)

Jeremiah P. Ostriker, Michael L. Norman

 November 1997 **Communications of the ACM**, Volume 40 Issue 11

Full text available:  [pdf\(2.15 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)**5 [Part 1: perspectives on reversible computing: Reversible logic for supercomputing](#)**

Erik P. DeBenedictis

May 2005 **Proceedings of the 2nd conference on Computing frontiers**Full text available:  [pdf\(401.79 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper is about making reversible logic a reality for supercomputing. Reversible logic offers a way to exceed certain basic limits on the performance of computers, yet a powerful case will have to be made to justify its substantial development expense. This paper explores the limits of current, irreversible logic for supercomputers, thus forming a threshold above which reversible logic is the only solution. Problems above this threshold are discussed, with the science and mitigation of global ...

Keywords: applications modeling, climate change global warming, computer architecture, quantum dot cellular automata, reversible logic, supercomputing

6 [Routers with a single stage of buffering](#)

Sundar Iyer, Rui Zhang, Nick McKeown


August 2002 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2002 conference on Applications, technologies, architectures, and protocols for computer communications**, Volume 32 Issue 4Full text available:  [pdf\(253.61 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Most high performance routers today use combined input and output queueing (CIOQ). The CIOQ router is also frequently used as an abstract model for routers: at one extreme is input queueing, at the other extreme is output queueing, and in-between there is a continuum of performance as the speedup is increased from 1 to N (where N is the number of linecards). The model includes architectures in which a switch fabric is sandwiched between two stages of buffering. There is a rich and ...

Keywords: buffers, constraint sets, routers, switching

7 [A general framework for visualizing abstract objects and relations](#)


Tomihisa Kamada, Satoru Kawai

January 1991 **ACM Transactions on Graphics (TOG)**, Volume 10 Issue 1Full text available:  [pdf\(2.26 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Pictorial representations significantly enhance our ability to understand complicated relations and structures, which means that information systems strongly require user interfaces that support the visualization of many kinds of information with a wide variety of graphical forms. At present, however, these difficult visualization problems have not been solved. We present a visualization framework for translating abstract objects and relations, typically represented in textual forms, into p ...

8 [VLSI cell placement techniques](#)

K. Shahookar, P. Mazumder

June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2Full text available:  [pdf\(5.28 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

VLSI cell placement problem is known to be NP complete. A wide repertoire of heuristic


algorithms exists in the literature for efficiently arranging the logic cells on a VLSI chip. The objective of this paper is to present a comprehensive survey of the various cell placement techniques, with emphasis on standard cell and macro placement. Five major algorithms for placement are discussed: simulated annealing, force-directed placement, min-cut placement, placement by numerical optimization, a ...

Keywords: VLSI, floor planning, force-directed placement, gate array, genetic algorithm, integrated circuits, layout, min-cut, physical design, placement, simulated annealing, standard cell

9 Type-based hot swapping of running modules (extended abstract)

Dominic Duggan

October 2001 **ACM SIGPLAN Notices , Proceedings of the sixth ACM SIGPLAN international conference on Functional programming**, Volume 36 Issue 10

Full text available:  pdf(150.34 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

While dynamic linking has become an integral part of the run-time execution of modern programming languages, there is increasing recognition of the need for support for hot swapping of running modules, particularly in long-lived server applications. The interesting challenge for such a facility is to allow the new module to change the types exported by the original module, while preserving type safety. This paper describes a type-based approach to hot swapping running modules. The approach is bas ...

Keywords: dynamic typing, hot swapping, module interconnection languages, shared libraries

10 Sensor networks and communication systems: Energy optimization techniques in cluster interconnects

E. J. Kim, K. H. Yum, G. M. Link, N. Vijaykrishnan, M. Kandemir, M. J. Irwin, M. Yousif, C. R. Das

August 2003 **Proceedings of the 2003 international symposium on Low power electronics and design**

Full text available:  pdf(286.75 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Designing energy-efficient clusters has recently become an important concern to make these systems economically attractive for many applications. Since the links and switch buffers consume the major portion of the power budget of the cluster, the focus of this paper is to optimize the energy consumption in these two components. To minimize power in the links, we propose a novel dynamic link shutdown (DLS) technique. The DLS technique makes use of an appropriate adaptive routing algorithm to shut ...

Keywords: buffer design, cluster interconnect, dynamic link shutdown, dynamic voltage scaling, energy optimization, link design, switch design

11 Illustrative risks to the public in the use of computer systems and related technology

Peter G. Neumann

January 1992 **ACM SIGSOFT Software Engineering Notes**, Volume 17 Issue 1

Full text available:  pdf(1.65 MB) Additional Information: [full citation](#), [citations](#), [index terms](#)

12 The A to Z of SoCs

Reinaldo A. Bergamaschi, John Cohn

November 2002 **Proceedings of the 2002 IEEE/ACM international conference on Computer-aided design**

Full text available:  [pdf\(209.48 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


The exploding complexity of new chips and the ever decreasing time-to-market window are forcing fundamental changes in the way systems are designed. The advent of Systems-on-Chip (SoC) based on pre-designed intellectual-property (IP) cores has become an absolute necessity for embedded systems companies to remain competitive. Designing an SoC, however, is extremely complex, as it encompasses a range of difficult problems in hardware and software design. This paper explains a wide range of SoC iss ...

13 User interface directions for the Web

Jakob Nielsen

January 1999 **Communications of the ACM**, Volume 42 Issue 1


Full text available:  [pdf\(421.52 KB\)](#)

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14 ICSE '99 conference daily newspaper: Window on the World

July 1999 **ACM SIGSOFT Software Engineering Notes**, Volume 24 Issue 4

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15 News

Douglas Blank

September 2000 **intelligence**, Volume 11 Issue 3

Full text available:  [pdf\(663.92 KB\)](#)


 [html\(32.15 KB\)](#)

Additional Information: [full citation](#), [index terms](#)

16 GraphicsNet '95: integrated voice, video, graphics and data network using asynchronous transfer mode (ATM)

Marke Clinger

February 1996 **ACM SIGGRAPH Computer Graphics**, Volume 30 Issue 1

Full text available:  [pdf\(1.15 MB\)](#)

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Every year demonstrations at the SIGGRAPH conference push the envelope in state-of-the-art graphics. In 1995, SIGGRAPH also pushed the envelope in networking by deploying a conference-wide, production ATM network. GraphicsNet, the conference network, consisted of 400 Ethernet-over-ATM connections and 100 directly attached ATM devices. GraphicsNet was one of the largest ATM backbone networks deployed to date. Using the latest hardware and software available, GraphicsNet provided a switched intern ...

17 Wireless Andrew: building a high speed, campus-wide wireless data network

Bernard J. Bennington, Charles R. Bartel

January 2001 **Mobile Networks and Applications**, Volume 6 Issue 1

Full text available:  [pdf\(159.87 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: Andrew, WaveLAN, integration, wireless network

18 Application defined processors


Dan Poznanovic

January 2005 **Linux Journal**, Volume 2005 Issue 129Full text available:  [html\(26.71 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Here's how a general-purpose Linux system gets a speed boost from reconfigurable logic.

19 A Hybrid Architectural Style for Distributed Parallel Processing of Generic Data Streams



Alexandre R. J. Francois

May 2004 **Proceedings of the 26th International Conference on Software Engineering**Full text available:  [pdf\(250.47 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Immersive, interactive applications grouped under the concept of Immersipresence require on-line processing and mixing of multimedia data streams and structures. One critical issue seldom addressed is the integration of different solutions to technical challenges, developed independently in separate fields, into working systems, that operate under hard performance constraints. In order to realize the Immersipresence vision, a consistent, generic approach to system integration is needed, that is adapted ...

20 Layout driven re-synthesis for low power consumption LSIs

Masako Murofushi, Takashi Ishioka, Masami Murakata, Takashi Mitsuhashi

June 1997 **Proceedings of the 34th annual conference on Design automation - Volume 00**Full text available:  [pdf\(183.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
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A new technology re-mapping method named LDR (LayoutDriven Re-synthesis), which is applied after placement, is proposed. LDR executes re-mapping and re-placement simultaneously in order to minimize power consumption with placement information. High switching activity nets are concealed inside the re-mapped cells or are shortened by re-placement in LDR. To estimate power consumption, LDR uses static power estimator for combinational circuits. LDR also calculates wire capacitances accurately based on place ...

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2. ☐ **The evolution of display technologies in PACS applications • ARTICLE**
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6. **Synthesis, characterization and x-ray crystal structures of asymmetric bis**

- ☐ **(dialkyldithiocarbamates) of zinc: Potential precursors for ZnS deposition • ARTICLE**
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2. ☐ **INTEGRAL: In flight behavior of ISGRI and SPI • ARTICLE**
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Tom Solmajer and Jure Zupan
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Emile A. Okal
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[Abstract](#)
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13. ☐ **Catastrophic wind damage to North American forests and the potential impact of climate change • ARTICLE**
The Science of The Total Environment, Volume 262, Issue 3, 15 November 2000, Pages 287-311
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14. ☐ **Hybrid nuclear reactors • REVIEW ARTICLE**

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15. ☐ **A new simulation methodology to estimate energy losses on urban sites due to wind infiltration and ventilation • ARTICLE**

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Derek Dunn and Sankar Chatterjee

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18. ☐ **Synthesis, characterization and x-ray crystal structures of asymmetric bis (dialkyldithiocarbamates) of zinc: Potential precursors for ZnS deposition • ARTICLE**

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Mahid Motevalli, Paul O'Brien, John R. Walsh and Ian M. Watson

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19. ☐ **Liquid crystal images of the transition from jet impingement convection to nucleate boiling part I: Monotonic distribution of the convection coefficient • ARTICLE**

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20. ☐ **The advanced neutron source: Designing for science • ARTICLE**

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21. ☐ **EDP risk analysis • ARTICLE**

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Michael J. Cerullo and Virginia Cerullo

[Abstract](#)

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23. ☐ **Crustal structure and tectonic evolution european of the transition between the Baltic Shield and the North German Caledonides (the EUGENO-S Project) • ARTICLE**
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EUGENO-S Working Group
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<input type="checkbox"/>	L13	L11 and cell?	105
<input type="checkbox"/>	L12	L11 and (equipment near/5 room?)	0
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<input type="checkbox"/>	L10	L9 and cell?	16
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File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158718

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158718 A1

TITLE: Designing layout for internet datacenter cooling

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Nakagawa</u> , Osamu Samuel	Redwood City	CA	US	
Bash, Cullen	San Francisco	CA	US	
Patel, Chandrakant	Fremont	CA	US	
Beitelmal, Abdlmonem	Sacramento	CA	US	

US-CL-CURRENT: 703/13; 454/184

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Draw Data
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Term	Documents
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INTERNET	188796
INTERNETS	1145
DATACENTER?	0
DATACENTERS	33
DATACENTER1	1
DATACENTER2	2
((INTERNET ADJ DATACENTER?) AND (NAKAGAWA.IN.)).PGPB,USPT.	1
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File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158718

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158718 A1

TITLE: Designing layout for internet datacenter cooling

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakagawa, Osamu Samuel	Redwood City	CA	US	
Bash, Cullen	San Francisco	CA	US	
Patel, Chandrakant	Fremont	CA	US	
Beitelmal, Abdlmonem	Sacramento	CA	US	

US-CL-CURRENT: 703/13; 454/184

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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Term	Documents
INTERNET	188796
INTERNETS	1145
DATACENTER?	0
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DATACENTER2	2
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(INTERNET DATACENTER?).PGPB,USPT.	1

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File: PGPB

Mar 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050057847

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050057847 A1

TITLE: Magazine-Based Library

PUBLICATION-DATE: March 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Armagost, Karl M.	Clearwater	FL	US	
Brace, Clark D.	Westminster	CO	US	
Christer, Marek W.	Loveland	CO	US	
Curtis, Christian C.	Thornton	CO	US	
Downey, Neal A.	Longmont	CO	US	
Guleff, Samuel J.	Superior	CO	US	
Heineman, Ray D.	Longmont	CO	US	
Kumpon, Peter J.	Denver	CO	US	
Permut, Ronald M.	Louisville	CO	US	
Pollard, Christopher A.	Monument	CO	US	
Roecker, David W.	Denver	CO	US	
Starr, Matthew T.	Lafayette	CO	US	
Sutherland, Lee A.	Hamilton	MT	US	
Thompson, Nathan C.	Boulder	CO	US	
Wadsworth, Edwin J.	Longmont	CO	US	
Woodruff, Jennifer L.	Erie	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D.
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☐ 2. Document ID: US 20050007692 A1

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File: PGPB

Jan 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050007692

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050007692 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: January 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thompson, Nathan C.	Boulder	CO	US	
Permut, Ronald M.	Louisville	CO	US	
Sutherland, Lee A.	Hamilton	MT	US	

US-CL-CURRENT: 360/93

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PGPUB-DOCUMENT-NUMBER: 20040264042

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040264042 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pollard, Christopher A.	Monument	CO	US	
Sutherland, Lee A.	Hamilton	MT	US	
Kulish, Christopher J.	Denver	CO	US	
Kulish, Christopher J.	Denver	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Drawings
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☐ 4. Document ID: US 20040264041 A1

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PGPUB-DOCUMENT-NUMBER: 20040264041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040264041 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kumpon, Peter J.	Denver	CO	US	
Sutherland, Lee A.	Hamilton	MT	US	
Pollard, Christopher A.	Monument	CO	US	
Brace, Clark D.	Westminster	CO	US	

US-CL-CURRENT: 360/92; 369/30.43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040264040 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Armagost, Karl M.	Clearwater	FL	US	
Wadsworth, Edwin J.	Longmont	CO	US	
Downey, Neal A.	Longmont	CO	US	
Curtis, Christian C.	Thornton	CO	US	
Starr, Matthew T.	Lafayette	CO	US	
Heineman, Ray D.	Longmont	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040264039 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Armagost, Karl M.	Clearwater	FL	US
Heineman, Ray D.	Longmont	CO	US
Wadsworth, Edwin J.	Longmont	CO	US
Downey, Neal A.	Longmont	CO	US
Curtis, Christian C.	Thornton	CO	US
Starr, Matthew T.	Lafayette	CO	US

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040264038 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Heineman, Ray D.	Longmont	CO	US	
Guleff, Samuel J.	Superior	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040264037 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Downey, Neal A.	Longmont	CO	US	
Guleff, Samuel J.	Superior	CO	US	
Curtis, Christian C.	Thornton	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
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PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040223253 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Woodruff, Jennifer L.	Erie	CO	US	
Permut, Ronald M.	Louisville	CO	US	
Thompson, Nathan C.	Boulder	CO	US	
Starr, Matthew T.	Lafayette	CO	US	
Pollard, Christopher A.	Monument	CO	US	
Christer, Marek W.	Loveland	CO	US	
Kumpon, Peter J.	Denver	CO	US	

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Jun 3, 2004

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PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040107125 A1

TITLE: Business alliance identification in a web architecture

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Guheen, Michael F.	Tiburon	CA	US	
Mitchell, James D	Manhattand Beach	CA	US	
Barrese, James J.	San Jose	CA	US	

US-CL-CURRENT: 705/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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File: PGPB

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PGPUB-DOCUMENT-NUMBER: 20040105187

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040105187 A1

TITLE: Magazine-Based Data Cartridge Library

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Woodruff, Jennifer L.	Erie	CO	US	
Brace, Clark D.	Westminster	CO	US	
Permut, Ronald M.	Louisville	CO	US	
Roecker, David W.	Denver	CO	US	
Sutherland, Lee A.	Hamilton	CO	US	

US-CL-CURRENT: 360/92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 12. Document ID: US 6721713 B1

L7: Entry 12 of 16

File: USPT

Apr 13, 2004

US-PAT-NO: 6721713

DOCUMENT-IDENTIFIER: US 6721713 B1

TITLE: Business alliance identification in a web architecture framework

DATE-ISSUED: April 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 705/1; 709/223, 715/503

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 13. Document ID: US 6615166 B1

L7: Entry 13 of 16

File: USPT

Sep 2, 2003

US-PAT-NO: 6615166

DOCUMENT-IDENTIFIER: US 6615166 B1

TITLE: Prioritizing components of a network framework required for implementation of technology

DATE-ISSUED: September 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 703/27; 703/26, 709/220, 709/223, 709/231, 717/140, 719/316

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 14. Document ID: US 6536037 B1

L7: Entry 14 of 16

File: USPT

Mar 18, 2003

US-PAT-NO: 6536037

DOCUMENT-IDENTIFIER: US 6536037 B1

**** See image for Certificate of Correction ****

TITLE: Identification of redundancies and omissions among components of a web based architecture

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 717/151; 703/2, 709/231

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 15. Document ID: US 6519571 B1

L7: Entry 15 of 16

File: USPT

Feb 11, 2003

US-PAT-NO: 6519571

DOCUMENT-IDENTIFIER: US 6519571 B1

**** See image for Certificate of Correction ****

TITLE: Dynamic customer profile management

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 705/14

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMAC	Draw De
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☐ 16. Document ID: US 6473794 B1

L7: Entry 16 of 16

File: USPT

Oct 29, 2002

US-PAT-NO: 6473794

DOCUMENT-IDENTIFIER: US 6473794 B1

TITLE: System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 709/223; 709/224

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMAC	Draw De
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Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
COOLING	607422
COOLINGS	209
(6 AND COOLING).PGPB,USPT.	16
(L6 AND COOLING).PGPB,USPT.	16

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 6468433 B1

L14: Entry 1 of 4

File: USPT

Oct 22, 2002

US-PAT-NO: 6468433

DOCUMENT-IDENTIFIER: US 6468433 B1

TITLE: Method for disinfecting liquids and gases and devices for use thereof

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tribelski; Zamir	Jerusalem			IL

US-CL-CURRENT: 210/748; 205/435, 250/432R, 250/435, 422/22, 422/4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 2. Document ID: US 6318113 B1

L14: Entry 2 of 4

File: USPT

Nov 20, 2001

US-PAT-NO: 6318113

DOCUMENT-IDENTIFIER: US 6318113 B1

TITLE: Personalized air conditioned system

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levy; Hans F.	Naples	FL	34103	
Betz; Peter G.	Naples	FL	34109	

US-CL-CURRENT: 62/426; 454/306, 62/419

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 3. Document ID: US 6305424 B1

L14: Entry 3 of 4

File: USPT

Oct 23, 2001

US-PAT-NO: 6305424

DOCUMENT-IDENTIFIER: US 6305424 B1

TITLE: System for supporting pipes in service galleries, especially in the nuclear industry

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Delouvee; Bernard	La Garenne-Colombes			FR
Potard; Philippe	Villepreux			FR

US-CL-CURRENT: 138/107; 138/106, 248/67.7, 248/68.1, 248/74.1, 248/74.4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 4. Document ID: US 4989417 A

L14: Entry 4 of 4

File: USPT

Feb 5, 1991

US-PAT-NO: 4989417

DOCUMENT-IDENTIFIER: US 4989417 A

TITLE: Cold storage warehouse

DATE-ISSUED: February 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Markiewicz; Stanley	Henderson	NV	89015	

US-CL-CURRENT: 62/441; 62/407, 62/DIG.16

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Back Refs	Generate OACS
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Term	Documents
COOLING	607422
COOLINGS	209
ROOM?	0
ROOMA	5
ROOMB	1
ROOMC	2